STATEMENT OF WORK
For
CVDS Voice Recording System

September 19, 2011

1 GENERAL BACKGROUND

The purpose of this project is to have CVDS CVDS Inc. - ComLog Digital Voice Recorders replace two current voice recording systems that are not operational. The recording system is located at Building 4824, NASA Dryden Flight Research Center (DFRC), Edwards AFB, CA.

2 INSTRUCTIONS:

A. VENDOR REQUIREMENTS AND FAMILIARITY

The vendor for this contract will be familiar with CVDS Inc. - ComLog Digital Voice Recorders, DLS2420 72 CH voice recorder. A minimum of 20 years work experience with CVDS proprietary recording software and hardware. .

B. PRICING AND PERIOD OF PERFORMANCE

Each line is included in the fixed cost priced for labor. The period of performance (POP) for this project shall not exceed 120 days from the date of contract award.

3 REQUIREMENTS:

A. Replace current DLS2420 72 channel recorder with new Voice Recorder capable of recording 96 Channels and expandable up to 192 Channels.

B. Recorder must be 4U rack mountable chassis. Space is limited and the current requirement only allows room for two 4U Chassis.

C. Recorder must include four single span passive T1 Inputs capable of recording 96 separate channels. (24 per T1.)

D. Internal RAID-1 500GB Hard Drive array capable of hot swappable, for recording 50,000-85,000 hours of instant recall for voice channels.

E. Hot Swappable power supplies

F. 25 foot input cables for passive T1 interfacing.

G. Recorder must be able to expand and record analog inputs from Telephone/Radio Interface - 2 wire analog, 4 wire analog

H. Recorder must include software licenses accommodate six simultaneous accessible users to access instant recall of recordings.

I. New Recording System must be capable of playing back current archived inventory of CVDS DVD-RAM Recordings.

J. The system must include a fully independent software application to be installed onto a separate PC that will monitor the Recorders' system status.

K. Must provide single login capable of monitoring both recorders from a single graphical user interface with a real time visual screen of recorded Channel Activity Indicator.

L. Provide 24/7 Phone Tech Support for Lifetime of the product with no recurring charges.

M. Recorder must include an independent, processor controlled, "watchdog" circuit to actively and continuously monitor the status and health of the recorder. This circuit MUST directly communicate with the software of the recorder whereby should the system software become unstable, a system reset would result. This independent processor must also control front panel indicators to show system status and alarms. The system MUST include a set of dry-alarm contacts (both normally open and normally closed) at the rear of the unit to be connected to an external alarm system. The alarm contacts must indicate "major" alarms and "minor" alarms separately.

N. The system must include an independent Archiving solution that can be installed onto and run on a separate Windows based hardware platform for long-term archiving. An archiving solution that relies upon "drive mapping" within the recorder itself will not be acceptable. The system must not rely upon any type of Windows networking.

O. Recorder must include input sensitivity variable from -60dBm to +10dBm.

P. Recorder must include gain adjustment variable from -10dB to +20dB.

Q. Recorder must include instant recall using full online hard drive buffer.

R. Recorder must include instant message retrieval less than 0.5 seconds.

S. Recorder must include IRIG-B Time Synchronization.

4. REQUIRED PARTS

These two separate recording systems will come ready to install, no additional parts should be required.

5. DELIVERABILES

Provide two recording systems that are ready to replace/upgrade our current systems. Provide manuals and installation instructions.